

**BEST AVAILABLE C.**

**IN THE CLAIMS**

**Kindly amend the claims as follows:**

**20. (Twice Amended)** A process for detecting the presence of a nucleoside diphosphate in a sample, comprising a step of detecting the dephosphorylation of the phosphoenzyme form of a nucleoside diphosphate kinase (NDPK), wherein the NDPK is modified to carry an extrinsic label in both the NDPK's phosphorylated and unphosphorylated forms, which label gives a different detectable signal when the enzyme is phosphorylated from when it is unphosphorylated.

**C3 21. (Twice Amended)** A process for detecting the presence of a nucleoside triphosphate in a sample, comprising a step of detecting the phosphorylation of a nucleoside diphosphate kinase (NDPK) to the phosphoenzyme form, wherein the NDPK is modified to carry an extrinsic label in both the NDPK's phosphorylated and unphosphorylated forms, which label gives a different detectable signal when the enzyme is phosphorylated from when it is unphosphorylated.

**C4 30. (Amended)** The process of claim 20 or claim 21, wherein the NDPK is an NDPK of *Myxococcus xanthus* having the amino acid sequence of SEQ ID NO: 2, and carrying an IDCC label at position 112.

**C5 31. (Twice Amended)** NDPK which is modified to carry an extrinsic label in both the NDPK's phosphorylated and unphosphorylated forms, which label gives a different detectable signal when the enzyme is phosphorylated from when it is unphosphorylated.

**C6 35. (Amended)** NDPK of *Myxococcus xanthus* having the amino acid sequence of SEQ ID NO: 2, and carrying an IDCC label at position 112.

**IN THE SEQUENCE LISTING**

Please add the attached Sequence Listing to the application papers as filed.